

WHAT IS CLAIMED IS:

1 1. A method for making an opening in the
 bladder of an inflatable modular structure to receive
 a window where the inflatable modular structure has a
 core, a bladder having an external surface attached to
5 the core, and a flexible restraint layer attached to
 the core and surrounding the bladder and the flexible
 restraint layer having an opening to accommodate a
 window, the method for preparing the opening in the
 bladder comprising the steps of:

10 inserting a window outline template into the
 opening of the flexible restraint layer;
 inflating the bladder;
 identifying a portion of the external
 surface of the bladder lying under the
15 window outline template in the flexible
 restraint layer;
 deflating the bladder;
 removing the window outline template; and
 removing the identified portion of the
20 bladder.

 2. The method of claim 1 wherein the flexible
 restraint layer has a plurality of openings to
 accommodate a number of windows and the method for

5 preparing an opening in the bladder is repeated for
each of the openings in the flexible restraint layer.

1 3. A method for making an opening in the
bladder of an inflatable modular structure to receive
a window where the inflatable modular structure has a
core, a bladder having an outside surface and the
5 bladder being attached to the core, and a flexible
restraint layer attached to the core and surrounding
the bladder and the flexible restraint layer having an
opening to accommodate a window, the method for
preparing an opening in the bladder comprising the
10 steps of:

placing a window outline template that
simulates the size of a window within
the proximity of the opening in the
flexible restraint layer;

15 inflating the bladder;

identifying a portion of the external
surface of the bladder lying under the
window outline template in the flexible
restraint layer;

20 rotating the inflatable modular structure
such that the window outline template
is facing a support structure;

deflating the bladder such that the outside
surface of the bladder where the window
outline template was placed is opposite
25 a support structure;
removing the window outline template from
the opening; and
removing the identified portion of the
30 bladder.

1 4. The method of claim 3 wherein the flexible
restraint layer has a plurality of openings to
accommodate windows and the method for preparing an
opening in the bladder is repeated for each of the
5 openings in the flexible restraint layer.

1 5. The method of claim 3 wherein the core is
substantially in a horizontal position.

1 6. The method of claim 3 wherein the core is
substantially in a vertical position.